Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 17 Dec 2021 until 23:59 on Saturday 18 Dec 2021

Forecast Issued on Friday 17 Dec 2021 at 02:48

Confidence: With high pressure looking set to dominate the weather through the coming days confidence in generally settled pattern with light winds is high. However lowering confidence in the detail of cloud cover.

Headline for Friday 17 Dec 2021: Dry with light winds and best of brightness probably limited to the morning.

Mountain weather hazards on Friday 17 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
			MIST	FOG	FOG
Clear night	Sunny	Sunny intervals	Mist	Fog	Fog
Precipitation probability					
00%	00%	00%	00%	00%	00%

Forecast for Friday 17 Dec 2021

Weather: Dry day on Friday with some mist and fog patches possible in valleys. A settled, dry day with partly cloudy skies affording occasional bright and sunny spells, probably most readily appearing during the morning. Perhaps clouding over in the afternoon.

Chance of cloud free mountain/hill tops above 600m: 60% becoming 30% from mid-day.

Visibility: Good but very poor in fog with bases widespread to occasional down to around 500m.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 17 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 E	12/17 E	9/14 E	9/14 E	11/15 E	10/16 SE	9/14 SE
300	3/4 E	5/9 E	3/5 S	5/8 E	7/13 E	5/9 E	4/6 E
Valley	4/6 E	7/10 E	3/9 NE	4/8 E	7/12 E	3/7 NE	3/7 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/5	8/5	7/5	7/4	7/4	6/4	6/4
300	7/7	7/6	7/6	7/5	6/4	6/4	6/5
Valley	5/3	6/4	7/6	6/5	6/4	5/3	5/4
Freezing Level*	2000m	2000m	2000m	1900m	1900m	1900m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 17 Dec 2021	0.2mm	0.2mm	0.4mm

Forecast for Saturday 18 Dec 2021

Weather: Some lingering mist and fog in some valleys. Settled with vast majority of the National Park remaining dry. Mostly cloudy with any brighter spells expected to be fleeting.

Maximum wind: Variable, mainly southeast, 10mph or less

Chance of cloud free mountain/hill tops above 600m: 30%

Visibility: Good or very good, but very poor in fog with bases quite widespread down to 500m.

Temperature: **Valleys:** Plus 1 degrees Celsius early and late, also where mist and fog linger, but in brightness lifting to around Plus 9 degrees Celsius during the afternoon
At 600m: Plus 6 degrees Celsius
Freezing level: Above summits

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